

ABSTRACT

A lithium secondary battery includes a positive electrode, a negative electrode and nonaqueous electrolyte, wherein the negative electrode includes a negative active material and a binder, the negative active material comprises graphite A and graphite B, shapes of primary particles of the graphite A are spherical or elliptical, an average particle diameter of the primary particles of the graphite A ranges between 10 μm and 30 μm inclusive, sizes of crystallites of the graphite A in a direction of a c-axis are smaller than 100 nm and tap density of the graphite A is 1.0 g/cm³ or higher, shapes of primary particles of the graphite B are flat, an average particle diameter of the primary particles of the graphite B ranges between 1 μm and 10 μm inclusive, and sizes of crystallites of the graphite B in a direction of a c-axis are 100 nm or larger, which has a large capacity and excellent cycle characteristics.